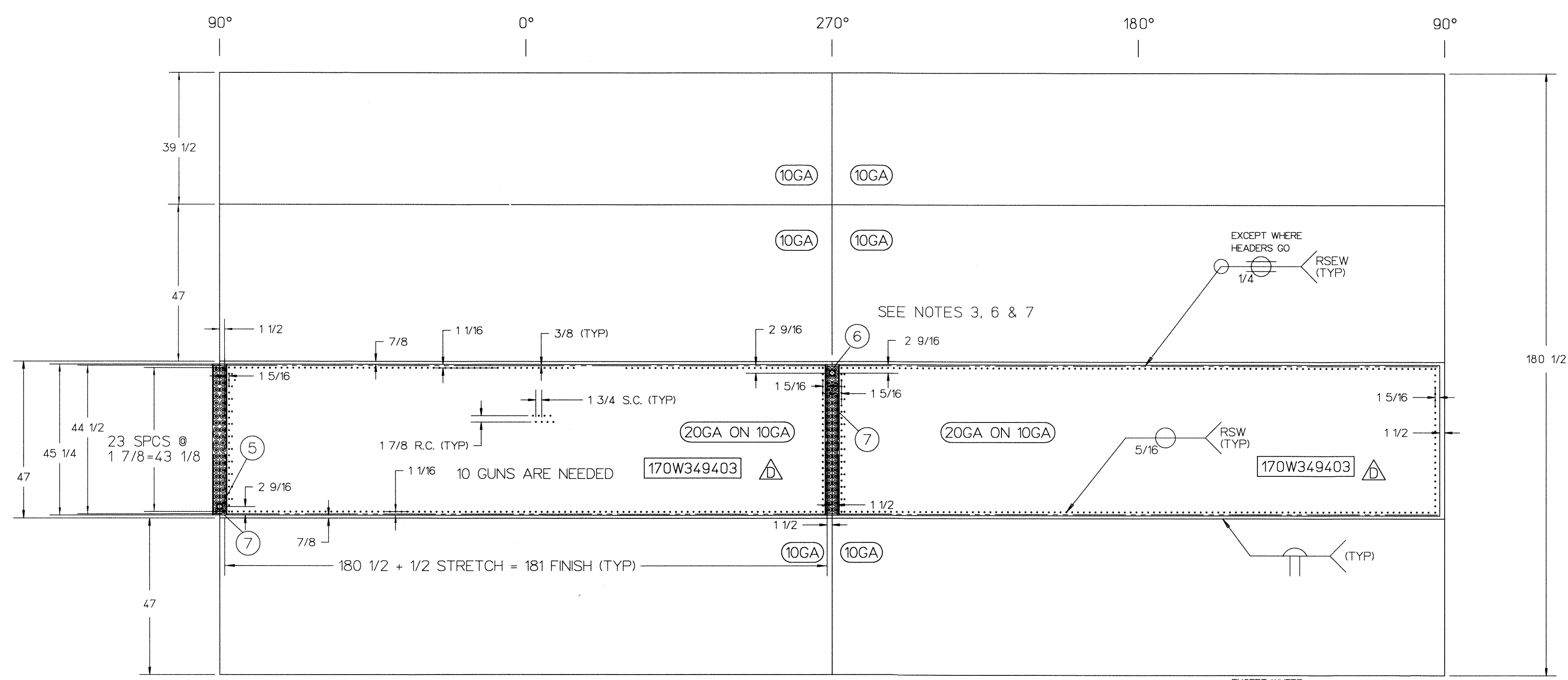


CUST NO.	ITEM NO.	NO. REQD	PART NO.	DESCRIPTION	DRAWING NO.
	1			SHELL ASSY 10GA 304 S/S W/20GA INFLATED TEMP-PLATE UPPER BANDS AND 7GA 304 S/S W/18GA INFLATED TEMP-PLATE LOWER BAND	FP14890 D
	1	4	170W349403	SHELL BAND 10GA 304 S/S W/20GA INFLATED TEMP-PLATE 47" WIDE	
	2	2	171W349403	SHELL BAND 7GA 304 S/S W/18GA INFLATED TEMP-PLATE 47" WIDE	
	3	1		SHELL 117" ID X 180.5" LG 10GA W/ 20GA T/P 304 S/S UPPER SECTION	
	4	1		SHELL 117" ID X 141" LG 10/7GA W/ 20/18GA T/P 304 S/S LOWER SECTION	
	5	3	9801781	NIPPLE 304 S/S 1.5" NPT X 6" LG SCH 40 TOE (INLET)	
	6	3	9801781	NIPPLE 304 S/S 1.5" NPT X 6" LG SCH 40 TOE (OUTLET)	
	7	6	9900872	HEADER DIMPLED DBL FLOW 14GA 304 S/S	9900872 B



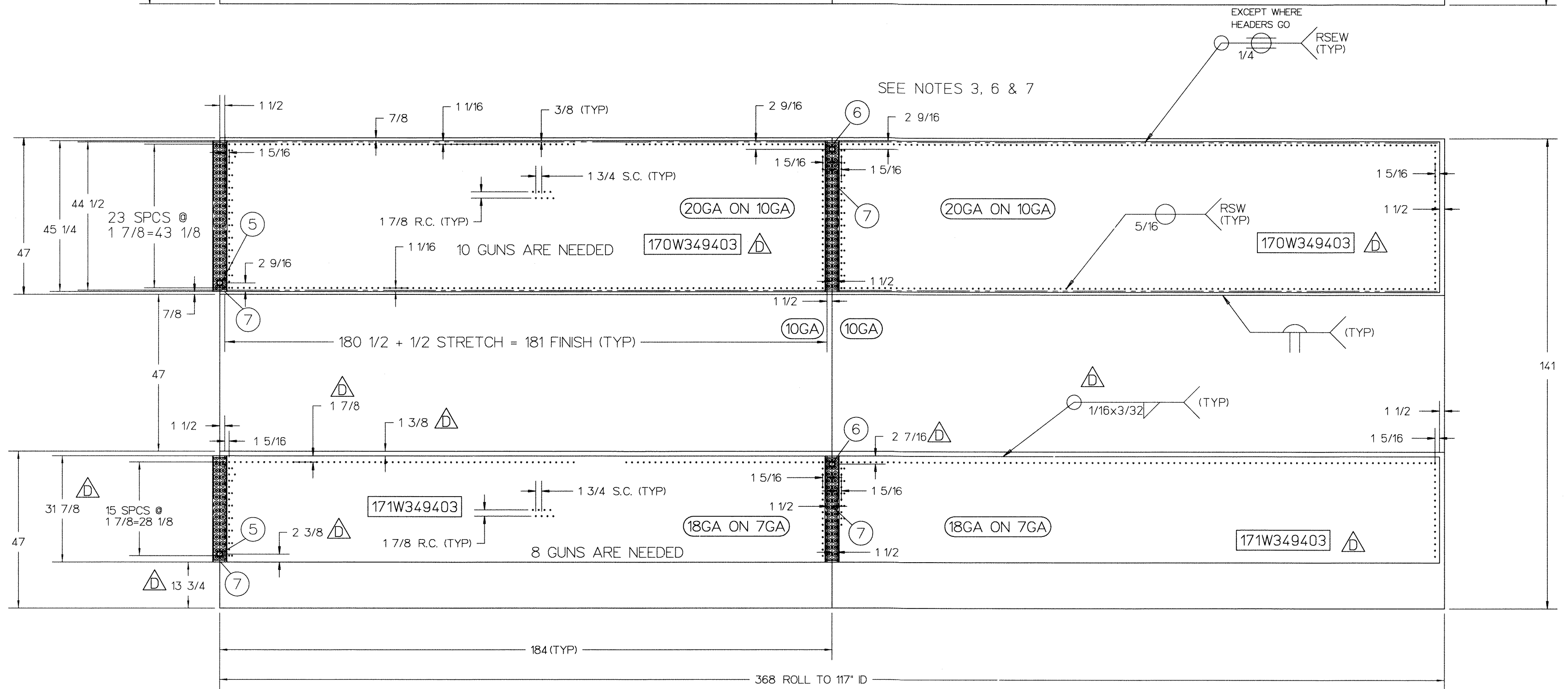
UPPER SHELL
S01W349403

- NOTES-**
- ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE.
 - MAX HYDROSTATIC INFLATION PSI: 18/7 GA - 997, 20/10 GA - 520.
 - INSTALL FITTINGS PER 90007290 DET B.
 - SUITABLE PRESSURE RELIEF VALVE MUST BE INSTALLED BY CUSTOMER FOR HEAT TRANSFER OPERATION.
 - TEMP-PLATE SURFACES TO BE POLISHED IN SHEET POLISHER TO REMOVE HEAT TINT.
 - RESISTANCE SPOTS ADJACENT TO HEADERS ARE TO BE IN A STRAIGHT LINE AS SHOWN.
 - INFLATE THRU HEADERS?
YES-- FOR 20GA ON 10GA.
NO-- FOR 18GA ON 7GA.
 - FOR DYE TEST REQUIREMENTS SEE PROCEDURE 103.

CERTIFIED CORRECT AND RELEASED FOR FABRICATION

FABRICATION WILL BE IN ACCORDANCE WITH THIS DRAWING. ANY FURTHER CHANGES WILL BE REVIEWED FOR COST AND DELIVERY ADJUSTMENTS.

PAUL MUELLER COMPANY



LOWER SHELL
S02W349403

TEST PLATE NO.:	MS-332(20/10), MA-735A(18/7)
TEMP-PLATE TYPE:	<input checked="" type="checkbox"/> INFL. <input type="checkbox"/> DIMPLED <input type="checkbox"/> DEFORMED
ROW AND SPOT SPACINGS ON INFLATED TYPE CANNOT EXCEED 1/16" MORE THAN DIMENSIONS SHOWN ON THIS DRAWING FOR ASME EQUIPMENT. (REF. SECT. VIII DIV. 1, APX. 17.)	
MACHINE NO's: SPOT WELDS	SEAM WELDS
PROTECTIVE PAINT:	
SURFACES TO BE PAINTED:	
TRIM EDGES:	<input type="checkbox"/> ENDS ONLY <input type="checkbox"/> ALL EDGES
MATERIAL FINISHES	WELD FINISHES
INTERIOR	2B <input checked="" type="checkbox"/> FINE GRIND #4
EXTERIOR	2B <input checked="" type="checkbox"/> AS IS (AI)
<input type="checkbox"/> ASME 1" STAMPED <input type="checkbox"/> ASME DESIGNED (No Stamp)	<input type="checkbox"/> ASME MATERIAL & WELDING (No Stamp)
<input checked="" type="checkbox"/> NON ASME	
SPECIFICATIONS	TOP HEAD SHELL BTM HEAD
DESIGN PRESSURE PSI	100
DESIGN TEMP. ° F	100
MAX. HYDROSTATIC INFLATION PSI	NOTE 2
HYDROSTATIC TEST PSI	130
MAX. PNEUMATIC INFLATION PSI	--
PNEUMATIC TEST PSI	--
PILLOW DEPTH INCHES	.100
HEATING MEDIUM	NONE
COOLING MEDIUM	GLYCOL
DEHYDRATION (per S.O.P. 23-6)	NO
TEMP-PLATE CONTACT AREA (SF.)	301.04
TEMP-PLATE VOLUME CU.FT.	1.89
QUANTITY:	ONE (1) PER ASSEMBLY

REVIEWED BY: *Steve Mackay*
02/15/08

ALL MATERIALS OR COMPONENT PARTS CALLED OUT ON THIS DRAWING SHALL BE AS SPECIFIED OR APPROVED EQUAL

S.O. NO.	CUSTOMER & ADDRESS	CUSTOMER ORDER NO.	NO. REQD.	BY	DATE
382414-1-8	REDHOOK BREWERY PORTSMOUTH, NH	39756	(8)	LOC	01/23/08
381787-1-4	REDHOOK BREWERY PORTSMOUTH, NH	38605	(4)	LMG	11/17/06
389403-1-4	REDHOOK BREWERY PORTSMOUTH, NH	38081	(4)	DP	03/22/08

SALES ORDER BLOCK

LOC	DATE	DESCRIPTION	BY	DATE
D	01/25/08	ADDED S.O. 382414 TO SALES ORDER BLOCK** DELETED RSEW WELD @ LOWER PANEL & CHOD TO FILLET ALL AROUND COL**31 7/8" WAS 32 5/8" DELETED 31 1/8" DIM**ADDED 1 7/8" DIM**1 3/8" WAS 1**2 7/8" WAS 2 13/16**13 13/4" WAS 13 3/8**189 WAS 180**ADDED PART NOS.**	LOC	01/23/08
C	12/15/06	REPLACED CUSTOMER APPROVAL STAMP W/CERTIFIED STAMP**	LOC	12/15/06
B	11/17/06	ADDED S/O BLOCK** ADDED CUST APPVL STAMP**	LMG	11/17/06
A	05/19/06	CHANGED WELD FINISH TYPES**	TDM	05/19/06

DRAWN BY: D. POWELL	SALES ORDER MODEL(S) SEE S/O BLOCK	SCALE: 1/16" = 1"	SIZE: 16.000 GAL
DATE: 03/22/06			
REVIEWED BY: J. MINOR			
DATE: 03/22/06			
TITLE: INNER SHELL AND TEMP-PLATE ASSEMBLY	DRAWING NO. FP14890 D		

SEPARA FROM DWG. NO. FP13087